

04-04-05

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Date of Signature  
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By:   
(Signature of person depositing mail)  
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MARITZA O'NEILL



### CERTIFICATE OF MAILING PURSUANT TO 37 C.F.R. 1.10

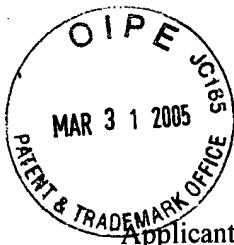
Applicant	:	Hyunchul C. Kim <i>et al.</i>
Serial No.	:	10/670,413
Date of Filing	:	September 24, 2003
Title	:	<i>APPARATUS AND METHOD OF USING THIN FILM MATERIAL AS DIFFUSION BARRIER FROM METALLIZATION</i>
Art Unit	:	2826
Examiner	:	Leonardo Andujar
Attorney Docket No.	:	112624.00087

#### MS Amendment

Commissioner for Patents  
U.S. Patent & Trademark Office  
P.O. Box 1450  
Alexandria, VA 22313-1450

Type of Filing:

- 1) Supplemental Information Disclosure Statement
- 2) Form PTO-1449 (2 pages)
- 3) Return receipt postcard



IN THE UNITED STATES PATENT & TRADEMARK OFFICE

Applicant : Hyunchul C. Kim *et al.*  
Serial No. : 10/670,413  
Date of Filing : September 24, 2003  
Title : APPARATUS AND METHOD OF USING THIN FILM MATERIAL AS DIFFUSION BARRIER FROM METALLIZATION  
Art Unit : 2826  
Examiner : Leonardo Andujar

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT  
PURSUANT TO 37 C.F.R. § 1.97

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**MS AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313

Dear Sir:

Applicant hereby brings to the attention of the Examiner the documents noted on the accompanying Form PTO-1449. This Information Disclosure Statement is being filed prior to the mailing date of a first Office Action.

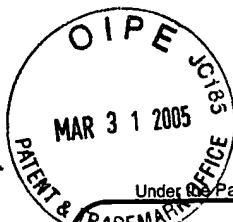
Please note that the information contained in this Supplemental Information Disclosure Statement was cited in a counterpart foreign application not more than three months prior to the filing of this statement. Specifically, the information was cited in PCT application No. PCT/US03/30244 in an International Search Report, mailed March 22, 2005.

It is respectfully requested that the information cited herein be expressly considered during the prosecution of this application and made of record on any patent to issue therefrom. Inclusion of a reference on the enclosed Form PTO-1449 is not to be construed as indicating the reference is prior art with respect to the subject application. Provision of this Supplemental Information Disclosure Statement is not to be taken as evidence that a search has been conducted.

No fee is believed due with this mailing. The Commissioner is hereby authorized to charge any fees that may be due to Deposit Account No. 17-0055.

Respectfully submitted,  
QUARLES & BRADY STREICH LANG LLP  
By:   
Robert D. Atkins, Reg. No. 34,288

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MAR 31 2003

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## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

**(Use as many sheets as necessary)**

Sheet 1 of 2

**Complete if Known**

Application Number	10/670,413
Filing Date	September 24, 2003
First Named Inventor	Hyunchul C. Kim
Art Unit	2826
Examiner Name	Leonardo Andujar
Attorney Docket Number	112624.00087

## U. S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	
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**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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<p>Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information if it does not display a valid OMB control number.</p> <p>Substitute for form 1449/PTO</p> <p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p><i>(Use as many sheets as necessary)</i></p>		<b>Complete if Known</b>	
		Application Number	10/670,413
		Filing Date	September 24, 2003
		First Named Inventor	Hyunchul C. Kim
		Art Unit	2826
		Examiner Name	Leonardo Andujar
Sheet	2	of	2
		Attorney Docket Number	

#### OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS

Examiner Signature		Date Considered	
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**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

**• Applicant's unique citation designation number (optional). • Applicant is to place a check mark here if English language is not the primary language used in this application. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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